

BUDAGOVA, Ye.V., aspirant

Röntgenokymographic examination of the heart during radioactive
iodine treatment for thyrotoxicosis. Vest.rent.i rad. 36 no.3:
58-59 My-Je '61. (MIRA 14:7)

1. Iz kafedry rentgenologii i radiologii (zav. - prof. A.I.Dombrovskiy)
Rostovskogo-na-Donu meditsinskogo instituta (dir. - prof. P.P.Kovalenko).
(IODINE—ISOTOPES) (HYPERTHYROIDISM)
(KYMOGRAPHY) (HEART—RADIOGRAPHY)

VOLODINA, G.I.; BUDAGOVA, Ye.V. (Rostov-na-Donu)

Treatment of multiple myeloma with radioactive phosphorus.
Med.rad. 6 no.8:76-77 Ag '61. (MIRA 14:8)
(MARROW--CANCER) (PHOSPHORUS--ISOTOPES)

BUDAGOVA, Ye.V.

Changes in the heart in thyrotoxicosis under the influence of
treatment with radioactive iodine. Vrach. delo no.12:86-88 D '61.
(MIRA 15:1)

1. Kafedra rentgenologii i radiologii (zaveduyushchiy - prof. A.I.
Dombrovskiy) Rostovskogo-na-Donu meditsinskogo institut.
(IODINE ISOTOPES) (HEART)
(THYROID GLAND DISEASES)

BUDAGOVSKAYA, V. N. CandMed Sci -- "Exocrine activity of the pancreas and
the small intestine in patients following a total ^{gastro}resection ~~of the stomach~~."
Mos, 1961 (Acad Med Sci USSR). (KL, 4-61, 207)

-371-

BUDAGOVSKAYA, V.N.; KUVAYEVA, I.B.

All-Union Conference of the Physiology and Pathology of the
Intestines. Vop. pit. 22 no.6:79-84 N-D '63,

(MIRA 17:7)

ARMAND, D.L.; BUDAGOVSKIY, A.I.; VENDROV, S.L.; VITVITSKIY, G.N.;
GELLER, S.Yu.; GERASIMOV, I.P.; DZERDZEYEVSKIY, B.L.; GIUYH, I.S.;
GRIGOR'YEV, A.A.; DANILOVA, N.A.; ZHIVAGO, A.V.; KEMMERIKH, A.O.;
KRAVCHENKO, D.V.; KUVSHINOVA, K.V.; MEDVEDEVA, G.P.; RAUNER, Yu.L.;
CHUBUKOV, L.A.

Aleksandr Petrovich Gal'tsov, 1909-1965; an obituary. Izv. AN
SSSR. Ser. geog. no.6:145 N-D '65. (MIRA 18:11)

BUDAGOVSKIY, A. I.

Tachygraphic curves and their applicability in calculating river fiids.
Met. i girdrol., No 5, 1949.

3858. Budagovsky, A. I. M. The permeation of water into the soil (in Russian), Moscow, Akad. Nauk SSSR, 137 pp. + illus. 1955; *Ref. Zh. Mekh.* 1956, Rev. 4594.

A brief analysis is made of the permeation of water into the soil, based on the results of laboratory and field tests made by author and other research workers. The relationship between intensity of permeation, and the humidity and temperature of the soil is examined. It is found that the initial degree of humidity very materially influences the intensity of permeation, particularly in heavy soils; with increasing initial wetting of the soil, the intensity of permeation decreases, as well as the coefficient of filtration. With decreasing temperature, the viscosity of the water changes, causing a further decrease in the coefficient of filtration. The influence of change in the surface tension of the water is in this case, however, insignificant.

Consideration is given separately to the influence of inhomogeneity of the soil on free and pressure infiltration. In the upper stratum of the soil, the value of the coefficient of filtration is governed by the intensity of the rainfall. Farther down, free infiltration is replaced by pressure infiltration. In the latter case, the intensity of permeation is determined, as in the case of a homogeneously deposited soil, by the Darcy equation, the only difference being that the relevant parameters become variable.

Budagovsky, A.I.M.

depending on the location of the permeation front. The last chapter discusses briefly the methods of making field tests and

investigation of the water permeability of a soil by layers, which permits determination of the filtration coefficient and the other values necessary for drawing the permeation curve for infiltration under pressure.

It is noticeable that no recent foreign work on this subject is referred to.

A. R. Shkirich, USSR

Courtesy Referativnyi Zhurnal

Translation, courtesy Ministry of Supply, England

7/2

amb

BUDAGOVSKIY, A.I.

Main regularities of evaporation in the steppe zone. Izv.AN SSSR.
Ser.geog. no.3:23-32 My-Je '56. (MLRA 9:11)

1. Institut geografii AN SSSR.
(Evaporation) (Steppes)

SOV/124-57-7-8042

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 7, p 87 (USSR)

AUTHOR: Budagovskiy, A. I.

TITLE: The Dependence of Evaporation on Meteorological Conditions and on the Moisture Content of the Soil (Zavisimost' ispareniya ot meteorologicheskikh usloviy i vlazhnosti pochvy)

PERIODICAL: Tr. Aralo-Kaspiysk. kompleksnoy ekspeditsii AN SSSR, 1956, Nr 6, pp 158-193

ABSTRACT: In the first part of this paper the author investigates the meteorological conditions most conducive to the evaporation of water from the soil. For this purpose he elects to examine the nearly "perfect" example thereof afforded by evaporation from soil containing an excess of moisture (the initial stage of evaporation). The evaporation is assumed to be represented by a residual term in the heat-balance equation, the turbulent-heat-flux term in that equation having been determined from the Monin formula (RZhMekh, 1954, abstract 3389; 1956, abstract 2277). Analysis showed that the diurnal sums of evaporation E_0 from soil containing excess moisture are linked to the mean diurnal moisture deficit through the simple relationship

Card 1/4

SOV/124-57-7-8042

The Dependence of Evaporation on Meteorological Conditions and on the (cont.)

$$E_0 = a d \quad (8)$$

which relationship became even more pronounced when stated in terms of five-day sliding averages. The coefficient of proportionality⁹ as envisaged by the author in formula (8) conflicts with the usual conceptions thereof by depicting it as independent of the wind velocity. Nevertheless, the factor of wind velocity does affect the evaporation, but its effect thereon is allowed for in the term d . The author gives his interpretation of this result of his analysis of the observational data. The second part of the paper is devoted to an account of the laws governing the water motion inside the soil during the evaporation process, knowledge of which is considered a prerequisite of investigation of the second stage of evaporation, i. e., evaporation from moisture-deficient soil. In this part of the paper the author's analysis is based mainly on data drawn from the literature. He examines the three ways in which the soil acquires moisture, examining also in the case of each the motion of the capillary water, the motion of the "suspended" water, and the motion of the "suspended" water that is fixed along the capillary wall. It is shown that the speed at which the "suspended" water moves within the soil's surface layer is linked to the soil's moisture content W through the linear relationship

Card 2/4

SOV/124-57-7-8042

The Dependence of Evaporation on Meteorological Conditions and on the (cont.)

$$q_0 = a(W - W_r), \quad (29)$$

wherein a is a parameter and W_r the so-called "moisture content corresponding to capillary rupture". Here, the decrease in soil moisture over a time period T is described by the exponential law

$$W - W_r = (W_n - W_r) \exp(-aT/y_0),$$

wherein y_0 is the thickness of the moisture-permeated soil layer, W is its initial moisture content [this should read W_n ; Transl. Ed. Note], and the evaporation E is linked to the soil's initial moisture content W by the formula

$$E = b(W - W_0)E_0. \quad (32)$$

In this latter expression E_0 , taken from expression (8), is the evaporation from soil having an excess of moisture (which is to say that E_0 is the soil's evaporative capacity), b is a nondimensional parameter, and W_0 is the soil moisture level at which a water deficiency causes plants to start to wilt. The relationships obtained
Card 3/4

SOV/124-57-7-8042

The Dependence of Evaporation on Meteorological Conditions and on the (cont.)

in this paper on the basis of analysis of observational data had been proposed previously, on a purely theoretical basis, by M. I. Budyko [V sb.: Voprosy gidrometeorologicheskoy effektivnosti polezashchitnogo lesorazvedeniya (On the Hydro-meteorological Effectiveness of Afforestation as a Means of Soil Conservation). Gidrometizdat, 1950]. Expression (32) is suitable for describing the second stage of evaporation, the stage at which $W \leq W_k$ (wherein the "critical" moisture content W_k is defined by the stipulation that the evaporative capacity E_0 must equal the water's speed of motion q_0). The author examines also, in the third part of the paper, the patterns of variation of the soil's moisture reserves and the patterns discernible in the gross evaporation over given periods of time. The corresponding relationships which the author arrives at are the result of an approximate integration of the equations already cited. Bibliography: 32 references.

L. S. Gandin

Card 4/4

Budagovskiy, A.I.

~~BUDAGORSKIY~~, A.I.; SAVINA, S.S.

Evaporation capacity of a surface with a vegetation cover.
Meteor. i gidrol. no. 8:20-23 Ag '56. (MLRA 9:11)
(Evaporation)

SOV/10-58-6-3/21

AUTHOR: Budagovskiy, A.I.

TITLE: Some Problems and Methods of Study of the Thermal and Water Conditions of Agricultural Fields (Nekotoryye zadachi i metody izucheniya vodnogo i teplovogo rezhimov sel'skokho-zyaystvennykh poley)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geograficheskaya, 1958, Nr 6, p 26-37 (USSR)

ABSTRACT: The right amount of heat and humidity is one of the most important conditions for the growth and development of plants, and the study of the water-thermal conditions of agricultural areas during the growing season is of great scientific and practical importance. In connection with such a study, the author singles out three most important problems: 1) the correlation of the indicators of water-thermal conditions with the state of plants and crops;

Card 1/2

SOV/10-58-6-3/21

Some Problems and Methods of Study of the Thermal and Water
Conditions of Agricultural Fields

2) the water consumption of plants, and 3)
the study of processes conditioning the changes
in humidity of the soil during the growing sea-
son. The author proposes an analytical solu-
tion for these problems. The elaboration of
21 equations is described in detail. There
are 15 Soviet references.

ASSOCIATION:

Institut geografii AN SSSR (The Institute of
Geography of the AS USSR)

Card 2/2

BUDAGOVSKIY, A. I.

3(4,7)

PHASE I BOOK EVALUATION

507/2140

Vsesoyuznyy gidrologicheskiy s'yezd, 3rd, Leningrad, 1957.

Trudy, s. 111: Sektorskiye gidrologicheskiye (Transactions of the 3rd All-Union Hydrological Convention, v. 3: Hydrophysics Section) Leningrad, Gidrometizdat, 1959. 470 p. Errata slip inserted. 2,000 copies printed.

Sponsoring Agency: Glavnyy upravleniye gidrometeorologicheskoy sluzhby pri Sovete Ministrov SSSR.

Resp. Ed.: V. A. Urvayev; Ed.: V. S. Protodopov; Tech. Ed.: M. I. Braynina.

PURPOSE: This work is intended for meteorologists, hydrologists, and hydrophysicists, particularly those engaged in the study of snow and ice and evaporation processes.

COVERAGE: This book contains papers on hydrophysics which were presented and discussed at the Third All-Union Hydrological Conference in Leningrad, October 1957. The Conference published 10 volumes on various aspects of hydrology of which this is number 3. The editorial board includes: Ye. V. Siliznyak (deceased), O. M. Kozlovskiy (Chairman), O. A. L. K. Davydov, A. P. Domantitskiy, O. P. Malinin, S. M. M. A. Vellikover, L. F. Manolov, M. P. Mestiy, B. P. Orlov, M. A. Vellikover, L. F. Manolov, M. P. Mestiy, O. A. Spengler, I. V. Popov, A. K. Proskuryakov, D. L. Solov'yev, and S. K. Cherkavsky. This volume is divided into 2 sections: the first contains reports from the subsection on the study of evaporation processes and the second contains reports from the snow and ice subsection. References accompany each article.

Budagovskiy, A. I. [Candidate of Technical Sciences, Institute of Geography, Moscow] Evaporation From the Surface of a Vegetation Cover 125

Fedorov, S. E. [Candidate of Technical Sciences, VNIIG Valday] Evaporation Under Forest Conditions 131

Kuznetsov, V. I. [Candidate of Technical Sciences, GGI Leningrad] Evaporation From Bodies of Water Affected by Plant Growth 140

Shubkin, V. E. [Candidate of Technical Sciences, Mendelevskiy] The Effect of Draining on Soil Improvement and Water Economy 148

Papkovskiy, V. A. [Candidate of Technical Sciences, VNIIG Valday] The Means of Hydraulic Evaporators 156

Kozlovskiy, O. A. [Candidate of Geographical Sciences, VNIIG Valday] The Daily Rate of Summer Evaporation from the Surface of the Earth 166

Minutes of the Meetings of the Evaporation Subsection of the Hydrophysics Section 174

Reception of the Evaporator Subsection of the Hydrophysics Section 202

Shcherbakova, Ye. Ye. [Professor, Doctor of Geographical Sciences, Institute of Geography, Moscow] Geography of the Snow Cover in the USSR 209

Shcherbakova, Ye. Ye. [Candidate of Geographical Sciences, GGI Leningrad] Study of the Snow-cover Regimen in the USSR 215

Pustishin, P. P. [Candidate of Geographical Sciences, GGI Leningrad] Methods and Results of Computing the Intensity (Rate) of Snow Melting in European USSR 220

BUDAGOVSKIY, A. I.

PHASE I BOOK EXAMINATION 800/5415

USSR. Glavnye upravleniye gidrometeorologicheskoy sluzhby
Tajnyy i volnyy rezhim temoy povzhaschey (Thermal and Water Regime of the
Earth's Surface) Leningrad, Gidrometizdat, 1960. 191 p. Errata slip
inserted. 600 copies printed.

Sponsoring Agency: Glavnye upravleniye gidrometeorologicheskoy sluzhby pri
Sovetskom Ministre SSSR.

Eds. (title page): I. P. Gornalov, Academician, M. I. Rudyko, Doctor of Physics
and Mathem. sciences, and A. P. Bal'tov, Doctor of Geographical Sciences,
Ed.: M. M. Iannogorodskaya; Tech. Ed.: M. I. Brynina.

PREFACE: This publication is intended for geophysicists, geographers, clima-
tologists, agronomists, and agriculturists.

CONTENTS: The seventeen articles contained in this publication represent con-
densed versions of reports presented at the Conference on the Heat and Water
Regime of the Earth's Surface, convened by the Glavnye spetsializatsionnyye
obshtestvennyye nauchnyye tsentry (Main Geophysical Observatory) in
A. I. Voytkov in April 1959. Individual articles deal with the investi-
gation of the thermal balance of the earth's surface, problems of the excha-
nge of heat and moisture, and problems of the indicators of heat and
water balance in agriculture, and problems related to the effect of hydro-
meteorological factors upon complex geographical processes and phenomena.
No personalities are mentioned. References follow individual articles.

uzarizyevskiy, B. L., and Yu. I. Rumer [Institut geografii
AN SSSR -- Institute of Geography, AS USSR]. The State and the
Tasks of Investigating the Heat Balance of a Forest

Card 2/5

Kalinin, G. P. [Tsentrul'nyy institut prognozov -- Central Institute
of Weather Forecasting]. General Reasons for the Investigation of
Water Balance

Papov, O. V., and V. I. Kuznetsov [Gosudarstvennyy gidrometeorologicheskii
institut -- State Hydrological Institute]. Experimental Investigation
of the Elements of the Water Balance on Dry Land

Livovich, M. I. [Institute of Geography, AS USSR]. Methods of Runoff
Investigation on the Basis of Water Balance

Rudakovskiy, A. I. [Institute of Geography, AS USSR]. Investigation
of the Water Balance of Soil

Gal'tsov, A. P. [Institute of Geography, AS USSR]. The State and the
Tasks of the Studies of the Genesis of Climate

Savitskiy, M. Ye. [Main Geophysical Observatory imeni A. I. Voytkov].
Basic Problems of the Theory of Climate

Kozlov, B. A. [Main Geophysical Observatory imeni A. I. Voytkov].
Exchange in the Atmosphere

Timofeyev, M. P. [Main Geophysical Observatory imeni A. I. Voytkov].
Heat Balance and the Microclimate

Grigor'ev, A. A. [Academician, Institute of Geography, AS USSR]. The
Role of Heat and Moisture Exchange in the Structure and Development
of the Geographical Mosaic (Mainly in the Lowlands of the Temperate
Zone) and Their Significance in the Productivity of Agricultural Crops

Gerasimov, I. P. [and G. S. Pugodina, Institute of Geography, AS USSR].
Hydrothermal Factors in Soil Formation

Voinchev, V. B. [Akademiya nauk Azerbaydzhanskoy SSR -- AS Azerbay-
dzhanskaya SSR]. Total Expenditure of Energy for Soil Formation in
Relation to the Hydrothermal Conditions

Lavrenko, Ye. M. [Botanicheskii institut AN SSSR -- Botanical Institute,
AS USSR]. Hydrothermal Factors and the Geography and Ecology of the
Vegetation Cover

Davidenko, F. P. [Central Institute of Weather Forecasting].
Water and Heat Regime of the USSR and Some Problems of
Agriculture

GERASIMOV, I.P.; Prinsipali uchastiye: ARMAND, D.L., nauchnyy sotrudnik;
BUDAGOVSKIY, A.I., nauchnyy sotrudnik; L'VOVICH, M.I., nauchnyy
sotrudnik; SIL'VESTROV, S.I., nauchnyy sotrudnik; SOBOLEV, L.N.,
nauchnyy sotrudnik

Reduce and bring to a minimum the dependence of our agriculture
on natural elements. Izv. AN SSSR. Ser. geog. no.5:43-51 S-0
'62. (MIRA 15:10)

1. Institut geografii AN SSSR.
(Agriculture) (Geographical research)

BUDAGOVSKIY, A.I.; NICHIPOROVICH, A.A.; ROSS, Yu.K.

The quantitative theory of photosynthesis and its use for solving the scientific and practical problems of physical geography. Izv. AN SSSR Ser. geog. no.6:13-27 N-D '64 (MIRA 18:1)

1. Institut geografii AN SSSR, Institut rasteniy AN SSSR i Institut fiziki i astronomii AN Estonskoy SSR.

BUDAGOVSKIY, A.I.; AVER'YANOV, S.A., doktor tekhn. nauk, prof.,
otv. red.

[Evaporation of soil moisture] Isparenje pochvennoi vlagi.
Moskva, Izd-vo "Nauka," 1964. 242 p. (MIRA 17:6)

BUDA GOVSKY, A. N.

[illegible]

BUDAGOVSKIY, M.T.

BUDAGOVSKIY, M.T.; GIEZER, G.I., kand.med.nauk; TRESKUNOV, K.A.

▲ case of acute hemolytic anemia with hemoglobinuria. Sov.med.
21 no.8:130-132 Ag '57. (MIRA 10:12)

(ANEMIA, HEMOLYTIC, case reports
acute, with hemoglobinuria (Rus))
(HEMOGLOBINURIA, case reports
with hemolytic anemia, acute (Rus))

SOV/177-58-1-21/25

17(8)

AUTHORS: Budagovskiy, M.T., and Tolchenov, B.N., Lieutenant-Colonels of the Medical Corps

TITLE: Equipment of an Oxygen-Aerosol Ward in Garrison Hospitals (Oborudovaniye kislородno-aerosol'noy palaty v garnizonnom gospitale)

PERIODICAL: Voenno-meditsinskiy zhurnal, 1958, Nr 1, pp 85 - 87 (USSR)

ABSTRACT: The author describes an oxygen-aerosol installation for wards of garrison hospitals. An aviation KP-18-type oxygen device is used for the economical consumption of oxygen and, if necessary, for the application of a mixture of oxygen and air by the continuous method to relieve labored breathing and unconsciousness. Combined oxygen and aerosol is

Card 1/2

SOV/177-58-1-21/25

Equipment of an Oxygen-Aerosol Ward in Garrison Hospitals

administered via a universal mask (Figure 5). While inhaling, the labored breathing is relaxed. The oxygen-aerosol equipment can be installed in any garrison hospital. There are 4 photographs and 1 diagram.

Card 2/2

BUDAGOVSKIY, M.T., podpolkovnik med.sluzhby; PERESYPKIN, V.A., kapitan med.
sluzhby

Some oscillographic indicators in the evaluation of impairment of
vascular tonus. Voen.-med.shur. no.10:43-46 0 '58. (MIRA 12:12)

(VASCULAR DISEASES, PERIPHERAL, diag.

oscillometry (Rus))

(OSCILLOMETRY, in various dis.

peripheral vasc. dis. (Rus))

BUDAGOVSKIY, M.T., podpolkovnik med. sluzhby; TOLCHENOV, B.N., podpolkovnik med. sluzhby.

Portable oxygen-aerosol apparatus. Voen.-med. zhur. no.1:90-92 Ja '59.
(OXYGEN, ther. use (MIRA 12:3)
portable appar. for aerosol ther. (Rus))

BUDAGOVSKIY, M.T., polkovnik meditsinskoy sluzhby

Principles of military field treatment in the combat area.
Gen.-med.stur. no.10:26-28 O '61. (MIRA 15:5)
(MEDICINE, MILITARY)

BUDAGOVSKIY, M.T., polkovnik meditsinskoy sluzhby

Amount of vitamin B₂ in some diseases of the digestive organs.
Voen.-med. zhur. no.11:29-33 N '61. (MIRA 15:6)

(DIGESTIVE ORGANS--DISEASES)
(RIBOFLAVIN)

BUDAGOVSKIY, V. I.

Budagovskiy, V. I. - "Productive-biological description of the chief forms of stunted, wild apples," Trudy Plodovoshch. in-ta im. Michurina, Vol. V, 1948, p. 76-105, - Bibliog: 30 items.

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 17, 1949).

BUDAGOVSKIY, V.I.

23446 POVYSIT' PORODNYE KACHESTVA SEMYAN DKOY YABLONI. SAD I OOOOCD, 1949,
No 7, c. 17-21

SO: LETOPIS NO. 31, 1949

BUDAGOVSKIY, V.I.

~~BUDAGOVSKIY, V.I.~~

Frost resistance of the roots of dwarf and semi-dwarf apple stocks.
Izv. AN SSSR. Ser. biol. no.6:11-25 N-D '54. (MLRA 8:3)

1. Plodovoshchnoy institut im. I.V.Michurina, gor. Michurinsk.
(APPLE) (PLANTS--FROST RESISTANCE)

BUDAGOVSKIY, V.I.

USSR/Cultivated Plants. Fruits. Berries.

M

Abs Jour: Ref Zhur-Biologiya, No 5, 1958, 20484.

Author : V.I. Budagovskiy

Inst : I.V. Michurin Fruit and Vegetable Institute.

Title : Several Peculiarities of Growth and Development in Dwarf Apple Stock. (Nekotoryye osobennosti rosta i razvitiya karlikovykh podvoyev yabloni).

Orig Pub: Tr. Plodovoshchn. in-ta im. I.V. Michurina, 1956, 9, 3-14.

Abstract: A study was made of the peculiarities of growth, fruit-bearing and development of the most prevalent stocks of the dwarf group in production, the paradise 8 and 9, of the semi-dwarf group, dusen 2,3,4, and 5. Paradise apple plants form small bushes with manifold stems; in the fourth year of growth the plants attained a height of 90-100 cm and by the tenth year not more than 150 cm. The

Card : 1/2

USSR/Cultivated Plants. Fruits. Berries.

M

Abs Jour: Ref Zhur-Biologiya, No 5, 1958, 20484.

dusens grow larger; by the fourth year of growth they were 152-205 cm (dusen 3 and 2); by the ninth to tenth years the dusen 3 was 221 cm in height and the dusen 2 was 308 cm. The paradises bear fruit extraordinarily rapidly, sometimes in the first year layers about a year after planting. Trees engrafted with dusen begin to bear fruit later than with paradises, although earlier than with wild apples. The dwarf and semi-dwarf stocks for productive purposes reproduce only by vegetative means. Systematic self rejuvenation of the bushes through shoots calls for the slow aging of dwarf stock with vegetative reproduction.

Card : 2/2

USSR/Cultivated Plants. Fruits. Berries.

M

Abs Jour : Ref Zhur Biol., No 12, 1958, 53788

Author : Budagovskiy, V.I.

Inst :

Title : On the Origin of the Dwarf Stock of Apple Tree.

Orig Pub : Botan. zh., 1957, No 2, 211-229

Abstract : Pallas's and Koch's hypotheses that the dwarf apple trees originated in the Volga River Area have not been confirmed since the contemporary researchers did not discover any Paradise, Dusen or other related forms in this region. The dwarf stock is not distributed widely in the Volga Area because of its poor winter resistance. On the basis of studies and observations of the dwarf forms of apple trees during 18 years under stationary conditions in the city of Michurin, and on the basis of surveys of wild and cultivated plants in Azerbaydzhan, Armenia, Georgia and Dagestan, - the author joins in the opinion

Card 1/2

- 111 -

USSR/Cultivated Plants - Fruits. Berries.

Abs Jour : Ref Zhur Biol., No 12, 1958, 53788

that Paradise and Dusen belong to the genus *Malus punila* Mill. which grows wildly and also is cultivated in the Caucasus and in Central Asia. On the basis of the materials obtained by an expedition of Soviet scientists in Iranian Azerbaydzhan and in Mazaidaran, the author demonstrates that the dwarf apple tree grows in Iran also. The works of a number of authors prove the presence of wild and cultivated dwarf apple trees in Central Asia. The article gives a description of the biological and morphological peculiarities of different species of the dwarf apple tree. They do not differ from the Paradise of type VII and IX. A description of the Dusen types II, III and V is also given. A guide to the history of the propagation of the dwarf stock is included in the article.
-- F.A. Aleksandrov

Card 2/2

BUDAGOVSKIY, Valentin Ivanovich

[Dwarf apple trees] Karlikovye podvoi dlia iabloni. Moskva,
Gos.izd-vo sel'khoz.lit-ry, 1959. 351 p. (MIRA 13:2)
(Apple) (Dwarf fruit trees)

BUDAGOVSKIY, V.I., prof.; SERGEYEV, V.I., red.; PEVZNER, V.I.,
tekhn. red.; KOBYAKOVA, G.N., tekhn. red.

[Commercial growing of dwarf fruit trees] Promyshlennaia
kul'tura karlikovykh plodovykh derev'ev. Moskva, Sel'-
khoizdat, 1963. 382 p. (MIRA 17:1)
(Dwarf fruit trees)

BUDAGOVSKAYA, V.N.

Compensatory reactions of the digestive tract in patients with
gastritis with secretory insufficiency. Sov.med. 25 no.5:30-35 My
'62. (MIRA 15:8)

1. Iz gastroenterologicheskogo otdeleniya (zav. - prof. O.L.
Gordon [deceased]) Kliniki lechebnogo pitaniya Instituta pitaniy
AMN SSSR.

(GASTRIC JUICE) (STOMACH—INFLAMMATION)

BUDAGYAN, A.A.

Construction in oil and gas production is a great national goal.
Stroi. truboprov. 9 no.3:4-7 Mr '64.

(MIRA 18:2)

1. Gosudarstvennyy proizvodstvennyy komitet po gazovoy
promyshlennosti SSSR.

BUDAGYAN, A.A.

For the successful construction of water pipelines in the
Virgin Territory. Stroj, truboprov. 8 no.11:7-9 #63
(MIRA 17:7)

1. Gosudarstvennyy proizvodstvennyy komitet po gazovoy pro-
myshlennosti SSSR.

BUDAGYAN, E.A.

Nomograms for determining the integral Joule-Thomson effect
of methane. Gaz.prom. 10 no.2:7-10 '65.

(MIRA 18:12)

11 E

Effects of prolonged use of small amounts of cottonseed cake on the human organism. F. E. Budagyan, B. D. Vladimirov, L. M. Levitskii, and K. A. Shchurov. *Gigiena i Sanit.* 12, No. 7, 28-33 (1947).—Use of up to 10% addn. of cottonseed cake in bread does not appear to produce any ill effects; expts. of 1 yr. indicate that gossypol present in this cake does not have a powerful action on human organism in such amts. On baking such bread the amt. of free gossypol drops by a factor of 4, leading to further detoxication. Longer expts. are necessary to give the final estn. of pathol. effects of such diets. G. M. K.

1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCESSES AND PROPERTIES INDEX																			
CA 115 Methodology of study of nutrient value of native food products. P. B. Rudagyan. <i>Gigiena i Sanit.</i> 12, No. 11, 36-42(1947).—A brief summary of general methods. G. M. Koshlapov																			
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION 1200: 60489										1200: 60489 621137 ONE ONE 111									
1200: 60489 621137 ONE ONE 111										1200: 60489 621137 ONE ONE 111									

BUDAGYAN, F. E.

37509 Budagyan, F. E. Printsiny I metody izucheniya pitatel'noy tsennosti otechestvennykh pishchevykh produktov. V. SB: XII vsesoyuz. S'yезд. Gigiyenistov, epidemiologov, Mikrobiologov I Infektsionistov. T.I.M., 1949, S 227-30

SO: Letopis' Zhurnal'nykh Statey Vol. 37, 1949

BUDAGYAN, F. Ye.

"Review of I. Ya. Moreynis' Book 'A Textbook on Cytology," Gig. i San.,
No.4, 1949

BUDAGYAN, F. Ye.

"Review of S. M. Bremner's Book 'Food Hygiene'," Gig i San, No.7, 1949

BUDAGYAN, F.Ye.

Training of food inspectors. Gig.sanit., Moskva no.4:38-42 Apr 51.
(GLML 20:8)

1. Professor

SIMSKAYA, A.M.; BUDAGYAN, F.Ye., professor, zaveduyushchiy.

Phosphatase method for controlling thermal processing of meat products.
Vop.pit. 12 no.3:61-65 My-Je '53. (MLRA 6:6)

1. Kafedra gigiyany pitaniya Tsentral'nogo instituta usovershenstvovaniya
vrachey (Moscow). (Meat--Analysis)

KOGAN, A.M.; DYUBYUK, N.Ye.; BUDAGYAN, P.Ye., professor, zaveduyushchiy.

Some standards for rating children's formulas hygienically. Vop.pit. 12
no.3:72-78 My-Je '53. (MLRA 6:6)

1. Khimicheskaya laboratoriya otdela pishchevoy gigiyeny Instituta pitani-
ya Akademii meditsinskikh nauk SSSR (Moscow). (Infants--Nutrition)

ASBELEV, V.M.; BUDAGYAN, F.Ye.; GHEIMBERG, V.G.

"Food poisonings and their prevention." N.I.Orlov. Reviewed by
V.M.Asbelev, F.M.Budagian, V.G.Geimberg. Vop.pit. 13 no.1:59-61
Ja-F '54. (MLBA 7:1)

(Food poisoning) (Orlov, N.I.)

VLADIMIROV, B.D., kandidat meditsinskikh nauk; BUDAGYAN, F.Ye., professor.

Consultations. Vop.pit.13 no.2:56 Mr-Ap '54.
(Goat's milk) (Badgers) (Meat)

(MLRA 7:2)

BUDAGYAN, F.Ye., professor.

~~CONFIDENTIAL~~
Consultation. Vop.pit. 13 no.3:51 My-Je '54. (MLRA 7:5)
(Escherichia coli) (Milk--Pasteurisation)

BUDAGYAN, F. Ye.

"Problems of prophylaxis of food products in connection with
the use of toxic chemical substances in agriculture."

report submitted at the 13th All-Union Congress of Hygienists,
Epidemiologists and Infectionists, 1959.

BUDAGYAN, F.Ye., prof. (Moskva)

International symposium on education in the field of nutrition.
Gig.i san. 25 no.8:80-82 Ag '60: (MIRA 13:11)
(NUTRITION)

BUDAGYAN, Fadey Yervandovich, prof., red.; BONDAREV, G.I., red.;
BALDINA, N.F., tekhn. red.

[Tables of chemical composition and nutritive value of food
products] Tablitsy khimicheskogo sostava i pitatel'noi tsen-
nosti pishchevykh produktov, Moskva, Medgiz, 1961. 601 p.
(MIRA 14:12)

(Food--Analysis)

BUDAGYAN, F.Ye.; SMIRNOVA, L.I.

Effect of phenol antioxidants on the assimilation of melted
swine fat. Vop. pit. 21 no.2:47-50 Mr-Apr '62. (MIRA 15:3)

1. Iz kafedry gigiyeny pitaniya (zav. - prof. F.Ye. Budagyan)
TSentral'nogo instituta usovershenstvovaniya vrachey, Moskva.
(FAT METABOLISM) (ANTIOXIDANTS) ~~PHENOLS~~

BUDAGYAN, Faddey Yervandovich; BONDAREV, G.I., red.

[Food toxicoses, toxoinfections and their prevention]
Pishchevye toksikozy, toksikoinfektsii i ikh profilaktika.
Moskva, Meditsina, 1965. 206 p. (MIRA 18:3)

BUDAGYAN, I. A., inzh.; KUSMAUL', K. V., inzh.

Kaluga Synthetic Perfume Combine. Masl.-zhir. prom. 23 no. 12:11-13
'57. (MIRA 11:2)

(Kaluga--Perfumes, Synthetic)

1ST AND 2ND ORDER										3RD AND 4TH ORDER									
BUDAGYAN, I. E. <i>CA</i> PROCESSES AND PROPERTIES INDEX 5. The properties and chemical composition of beech nuts. I. F. Budagyan and G. Arutyunov. <i>Voprosy Fiziki</i> S. No. 4, 152-60(1936).—The poisonous properties of beech nuts are in both the hulls and in the meat of the nut. High temp., especially dry heat, reduces the toxicity. (Crystals are present in too low a concn. to cause poison- ing. 12																			
ASM-A1A METALLURGICAL LITERATURE CLASSIFICATION 62-12-10																			

83529

S/115/60/000/009/009/011
B012/B054911300 1006, 1030, 1144
AUTHORS: Mirovitskiy, D. I., Valeyev, G. G., and Budagyan, I. F.TITLE: Measurement of the Complex Reflection Factor of Dielectric Material *vi*PERIODICAL: Izmeritel'naya tekhnika, 1960, No. 9, pp. 51-53

TEXT: The so-called free-space measuring method is used more and more for measuring the electromagnetic parameters of various materials. Here, it is recommended for measuring the complex reflection factor of the workpiece; the simple formulas from the paper (Ref. 7) should be used for calculating the electromagnetic parameters of the workpiece. An instrument for measuring the complex reflection factor of a plane-parallel sheet metal in the free space is described, and shown in Fig. 1. The instrument is a system of lines for transmitting the surface wave, and consists of a directional coupler (Ref. 9), a balancing device, and a phase shifter. The balancing device compares the controlled reference signal with the unknown signal reflected from the sample measured. The modulus of the reflection factor of the sample is determined from the angle of inclination of the threads of

Card 1/2

83529

Measurement of the Complex Reflection Factor
of Dielectric Material

S/115/60/000/009/009/011
B012/B054

the standard reflector whereas the phase is determined from the indication on the rough and fine scale of the phase shifter. Fig. 2 shows a variant of the instrument described. This variant uses a controllable balancing device for balancing the amplitudes of the reference signal and of the signal measured. Here, the modulus of the reflection factor is determined from the angle of inclination of the dielectric waveguide section of the balancing device whereas the phase is determined in the same way as with the first instrument. It is pointed out that the most progressive optical measuring methods are used with the instruments described. Two causes of the high accuracy of measurement of the instruments are mentioned: 1) The standard reflector in the first, and the controllable balancing device in the second instrument make it possible to balance with high accuracy the amplitudes and phases of the reference signal and of the signal measured by means of successive tunings. 2) The interaction between the instrument antenna and the sample, which otherwise leads to errors, is very low in these instruments, which makes it unnecessary to use the more complicated measuring method required in other cases. There are 2 figures and 11 references: 8 Soviet.

Card 2/2

L 34094-66 EWT(1)/EWT(m)/ENP(w) IJP(c) WH/EM

ACC NR: AP6009053

SOURCE CODE: UR/0207/66/000/001/0093/0101

AUTHOR: Budagyan, I. F. (Moscow); Mirovitskiy, D. I. (Moscow)

ORG: none

TITLE: Application of asymptotic methods of nonlinear oscillation theory to the wave propagation problem

SOURCE: Zhurnal prikladnoy mekhaniki i tekhnicheskoy fiziki, no. 1, 1966, 93-101

TOPIC TAGS: wave propagation, wave equation

ABSTRACT: The solution of the wave propagation problem in a heterogeneous medium is achieved on the basis of the equation for a partial wave in a total field. After substituting $A(x)$ (amplitude factor of a direct partial wave of a total field in a heterogeneous medium) for the independent variable x (the geometric coordinate), use is made of the modification of one of the asymptotic methods in nonlinear oscillation theory. There is still no method developed for finding the relationship between the function of the parameters of the medium and the function of the total field which would have an application general enough to determine the function of the total field with any accuracy at an arbitrary dependence of the function of the medium parameters. The asymptotic procedure presented in the present article for solving the problem of wave propagation makes it possible, on the basis of a selected auxiliary function, to determine simultaneously the two functions discussed with a

Card 1/2

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ACC NR: AP6009053

prescribed accuracy. At the same time, the method proposed makes it possible to investigate the case of nonpropagating waves when the valid solution is not an oscillating one, but a solution which proceeds similar to real exponentials of a solution which describes bound states belonging to the discrete spectrum. Thus, confirmation is provided for the hypothesis proposed by E. Ch. Titchmarsh (Razlozheniye po sobstvennykh funktsiyam. Izd. inostr. lit., 1961, vol. 2) on the possibility of the presence of a transition between the properties of the function of the discrete spectrum and the properties of quasistationary states. The method was also used to obtain solutions for the problem of wave propagation in a heterogeneous medium in more complex cases, including the periodic dependence of the parameter on the coordinate; the solution, however, is not given in the present paper for lack of space. Orig. art. has: 9 figures and 32 formulas.

SUB CODE: 12, 20 / SUBM DATE: 20May65 / ORIG REF: 008 / OTH REF: 003

Card 2/2 vmb

20698

S/120/61/000/001/036/062
E192/E382

9.1800 (also 2603, 1127)

AUTHORS: Mirovitskiy, D.I., Budagyan, I.F. and Valeyev, G.G.

TITLE: Ultrahigh-frequency Refractometer Based on Surface-wave Lines

PERIODICAL: Pribery i tekhnika eksperimenta, 1961, No. 1,
pp. 116 - 120

TEXT: The device is designed for the measurement of the amplitude and phase of the refraction coefficient of a sample which is situated in the narrow beam of an axial radiating antenna. It is based on the surface-wave devices (Ref. 10) and follows the principle of the Michaelson refractometer (Fig. 1). The operation of the system is as follows: a signal from the generator 1 propagates along a surface-wave line and is radiated towards the sample 4; a portion of the signal is transmitted into a standard-signal section 1 - 2 - 11. The portion 3 of the main section is in the form of a dielectric rod radiating antenna, while 5 is a receiving antenna which captures some of the signal transmitted through the sample. Analogously, the portion 11 of the control section

Card 1/5

20698

Ultrahigh-frequency

S/120/61/000/001/036/062
E192/E382

is a rod dielectric radiating antenna and 8 is a receiving antenna which receives the signal passing through the standard 9 . The signals transmitted through the sample and the standard are applied to a balancing device 6 (through the receiving antennae 5 and 8), which is applied to a null indicator 7 . The surface-wave lines in the instrument are in the form of dielectric waveguides, these being polystyrol rods having a cross-section of $0.31 \times 0.62 \lambda$. A fine metal grid made of filaments having a diameter of $6.1 \times 10^{-4} \lambda$ and a winding pitch of $3.9 \times 10^{-3} \lambda$ is used as the standard. The refraction coefficient of the sample is measured by a successive adjustment of the amplitude and phase of the signal passing through the standard 9 until it is fully compensated by the signal which passes through the measured sample 4 . The full compensation is shown by the null indicator 7 . The modulus of the refraction index of the sample, at full compensation, is equal to the modulus of the refraction index of the standard, which can be

Card 2/5

20698

S/120/61/000/001/036/062
E192/E382

Ultrahigh-frequency

determined from an experimental graph showing $T = f(\alpha)$, where α is the angle of inclination of the standard refraction grating relative to the orientation of the electric field of the wave. The phase of the refraction index is practically constant when the inclination angle of the grating is changed and the results of the measurement are therefore unambiguous. The phase of the sample is determined from the readings of two scales of the phase shifter, which is situated in the standard-signal section; the position of this phase-shifter is such that it corresponds to the full compensation of the main and the standard signals, as observed on the null indicator. The coarse phase control Φ_1 of the standard signal is effected by changing the length of the path traversed by the surface wave of the standard signal. The fine adjustment of the phase of the standard signal Φ_T is done by means of an electrical vernier consisting of a dielectric waveguide which can be displaced along the axis 8 - 11 by means of a micrometer screw 12. The amplitudes of the standard and the measured signals can^{also} be compared by means of a Card 3/5

20698

Ultrahigh-frequency

S/120/61/000/001/036/062
E192/E382

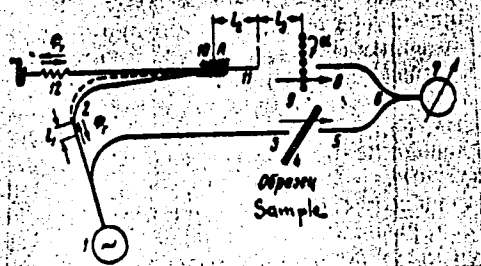
controlled balancing device; the standard refraction grating
is t h e n not necessary. A refractometer based on this
principle is briefly described. There are 7 figures and
16 references: 12 Soviet and 4 non-Soviet.

SUBMITTED: December 3, 1959

Card 4/5

Ultrahigh-frequency

Fig. 1:



Card 5/5

20698

S/120/61/000/001/036/062
E192/E382

E192/E382

BUDAGYAN, R.G., inzh.

Heat networks of steam-gas systems. Energomashinostroenie 11
no.5:47-49 My '65. (MIRA 18:6)

BUDAGYAN, S., inzh.

Technical development in the construction industry. Prom.
Arm. 4 no.1:15-18 Ja '61. (MIRA 14:6)

1. Upravleniye stroitel'stva Sovnarkhoza Armyanskoy SSR.
(Construction industry--Technological innovations)

BUDAGYAN, S.A.; KUSMAUL', K.V.

Prospects for the development of the Kaluga Combine of Synthetic
Perfumes. Masl.-zhir.prom. 25 no.2:7 '59. (MIRA 12:2)
(Kaluga--Perfumes, Synthetic)

BUDAGYAN, S.A., inzh.; TOVBIN, I.M., inzh.

Fifteenth anniversary of the SDV (Synthetic etherial substances)
Combine in Kaluga. Masl.-zhir. prom. 29 no.11:29-32 N '63. (MIRA 16:12)

1. Kaluzhskiy kombinat sinteticheskikh dushistykh veshchestv (for
Budagyan). 2. Gosudarstvennyy komitet po pishchevoy promyshlennosti
pri Gosplane SSSR (for Tovbin).

GALACH'YAN, R.M.; BUDAGYAN, Ye.G.; DAVTYAN, A.R.

Nature of phytoncides of tomato differing in their disease
resistance. Vop.mikrobiol. no.1:3-19 '61.

(MIRA 17:10)

GOL'DIN, M.I.; BUDAGYAN, Ye.G.

Effect of plant juice on the tobacco mosaic virus. Izv. AN Arm.
SSR. Biol. nauki 16 no.9:75-82 S'63 (MIRA 17:7)

1. Institut mikrobiologii AN Armyanskoy SSR.

BUDAGYAN, Ye.G.; LOZHNIKOVA, V.N.; GOL'DIN, M.I.; CHAYLAKYAN, M.Kh.

Effect of gibberellin~~like~~ substances on the tobacco mosaic virus.
Dokl. AN Arm. SSR 36 no.2:111-116 '64. (MIRA 17:3)

1. Institut mikrobiologii AN Armyanskoy SSR i Institut fiziologii
AN SSSR. 2. Chlen-korrespondent AN Armyanskoy SSR (for Chaylakhan).

SAMOKHVALOV, G.I.; SHAKHOVA, M.K.; ~~BUDAGYANTS, M.I.~~; VEYNBERG, A. Ya.;
LUK'YANOVA, L.V.; PREOBRAZHENSKIY, N.A.

Synthetic studies of flavonoids. Part 2: Synthesis of 3- nitro-
flavanone. Zhur. ob. khim. 31 no.4:1147-1150 Ap '61.

(MIRA 14:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminny institut.
(Flavanone)

SHAKHOVA, M.K.; BUDAGYANTS, M.I.; SAMOKHVALOV, G.I.; PREOBRAZHENSKIY, N.A.

Synthetic investigations in the field of flavonoids. Part 4:
Synthesis of 3-hydroxyflavone of flavonol. Zhur.ob.khim. 32
no.9:2832-2834 S '62. (MIRA 15:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut.
(Flavone)

SAMOKHVALOV, G.I.; BUDAGYANTS, M.I.; SHAKHOVA, M.K.; SHOLINA, S.I.;
KRUGLYAKOVA, K.Ye.; NIKOLAYEV, R.P.; ROMANOVA, A.F.

7-Alkyl derivatives of quercetin and their antioxidizing
effectiveness. Izv. AN SSSR. Ser.khim. no.9:1617-1621 S '63.
(MIRA 16:9)

1. Institut khimicheskoy fiziki AN SSSR i Vsesoyuznyy nauchno-
issledovatel'skiy vitaminnyy institut.
(Quercetin) (Antioxidants)

BUDAI, A.

"The BAG- 108, model airplane with propulsion." p. 11, (AVIATIA SPORTIVA, Vol. 5, No. 7, July 1954, Bucuresti, Rumania)

SO: Monthly List of East European Accessions, (EEAL, LC, Vol. 4, No. 1 Jan. 1955, Uncl.

BUDAI, Istvan

Activity of conciliation committees. Munka 14 no.12:15
D '64.

CSAPO, J.; MARER, V.; BUDAI, J.; GIAZ, A.; NYERGES, G.

Determination, quantity and significance of cerebrospinal fluid
oxidising substances in purulent meningitis. Acta med. hun. 15
no. 1: 79-86 '60.

1. II. Kinderabteilung des Laszlo-Krankenhauses, Budapest.
(MENINGITIS cerebrospinal fluid)

CSAPO, J.; NYERGES, G.; BUDAI, J.; RICHTER, P.,; TOTH, I.

Studies on the active immunization against epidemic hepatitis. II. The role of the relative amounts of virus and gamma globulin in the inocula; the effect of ethanol treatment on the virus. Acta paediat. acad. sci. hung. 3 no.2:167-172 '62.

1. Municipal Laszlo Hospital (Director: Dr. J. Roman) and "Human"
Institute for Serobacteriological Production and Research, Budapest.
(HEPATITIS VIRUS) (ALCOHOL ETHYL)
(GAMMA GLOBULIN)

CSAPO, J.; BUDAI, J.; NYERGES, G.; RICHTER, P.; TOTH, I.

Active immunization experiments against epidemic hepatitis. Acta med.hung. 17 no.1:45-52 '61.

1. "Laszlo" Hospital for Infectious Diseases and Institute for Sero-bacteriological Production and Research "Human" Budapest, Hungary.
(HEPATITIS INFECTIOUS immunol)

CSAPO, J.; NYERGES, G.; BUDAI, J.

On the quantity and significance of oxidizable substances in the cerebrospinal fluid in meningitis. Acta med. hung. 17 no.2:175-179 '61.

1. Laszlo-Krankenhaus, Budapest.
(TUBERCULOSIS MENINGEAL cerebrospinal fluid)

HUNGARY

CSAPO, Jozsef, Dr. BUDAI, Jozsef, Dr, BARTOS, Anna, Dr, NYERGES, Gabor, Dr; Laszlo Hospital for Contagious Diseases (Laszlo Fertozo Korhaz) and The Schopf-Merei Agoston Obstetrical and Pediatric Hospital for Premature Infants (Schopf-Merei Agoston Koraszulo-Koraszulott Korhaz).

"The Prevention of Transfusion Hepatitis."

Budapest, Orvosi Hetilap, Vol 104, No 17, 28 Apr 63, pages 780-782.

Abstract: [Authors' Hungarian summary] As a preventive measure against transfusion hepatitis, 182 premature infants were given 8ml/kg gamma globulin during the first transfusion. As controls, 205 premature infants receiving transfusions, and 204 babies receiving various injection treatments but no transfusion, were observed. Hepatitis developed in one case among the group receiving g. gl. and in 15 cases among the group receiving general transfusion. The third group showed no hepatitis. Theoretical explanation for the strong preventive effect of g.gl. is difficult. Further studies are conducted to determine the smallest dose of g.gl. necessary for the preventive effect. 1 Western, 1 Hungarian reference.

1/1

CSAPRO, Jozsef, dr.; BUDAI, Jozsef, dr.; NYERGES, Gabor, dr.; RICHTER,
Peter, dr.; TOTH, Istvan, dr.

Experiments with active immunisation against infectious hepatitis.
The mode of action of gamma-globulin. Orv.hetil.101 no.30:1045-1049
24 J1 '60.

(HEPATITIS INFECTIOUS immunol)
(GAMMA GLOBULIN ther)

BUDAI, Jozsef, dr.

Current status of virology and immunology of measles. Gyermekgyógyászat 12 no.1:7-15 Ja '61.

1. Budapest Fovaros Lasslo Korhas (Igazgato: dr.Roman Jozsef)
I. sz. Gyermekosztaly.
(MEASLES)

CSAPO, Jozsef, dr.; BUDAI, Jozsef, dr.; NYERGES, Gabor, dr.

Natural history, differential diagnosis and therapy of toxic
dysentery. Orv.hetil. 102 no.24:1121-1123 11 Je '61.

1. Budapest Fovaros Lasslo Korhaz, I. sz Gyermekosztaly.

(DYSENTERY)

CSAPO, Jozsef, dr.; NYERGES, Gabor, dr.; BUDAI, Jozsef, dr.; RICHTER, Peter, dr.;
TOTH, Istvan, dr.

Experience with the active immunization against infectious hepatitis.
II. The significance of the absolute and relative quantity of viruses
and antibodies and the intensity of the alcohol effect. Orv. hetil.
102 no.49:2310-2312 3 D '61.

1. Budapesti Laszlo korhaz es Human Oltoanyagtermelo es Kutato Intezet.

(HEPATITIS INFECTIOUS immunol)

CSAPÓ, J.; BUDAI, J.; BARTOS, Anna; NYERGES, G.

Prevention of transfusion hepatitis. Acta paediat. acad. sci.
Hung. 4 no.2:195-198 '63.

1. Laszlo Hospital of Infectious Diseases (Director, Dr. J.
Roman), and Schopf-Merei Hospital for Premature Infants
(Director, Dr. K. Gergely), Budapest.
(INFANT, PREMATURE, DISEASES)
(HEPATITIS, HOMOLOGOUS SERUM)
(GAMMA GLOBULIN)
(PREVENTIVE MEDICINE)

CSAPO, Jozsef, dr.; BUDAI, Jozsef, dr.; BARTOS, Anna, dr.; NYERGES, Gabor, dr.

Prevention of hepatitis due to transfusions. Orv. hetil. 104 no.17:
780-782 28 Ap '63.

1. Laszlo Fertoz Korhaz es a Schopf-Merei Agoston Koraszulo-
Koraszulott Korhaz.

(HEPATITIS, HOMOLOGUS SERUM) (GAMMA GLOBULIN)
(BLOOD TRANSFUSION)

HUNGARY

7(2)
CSAPO, Jozsef, Dr, NYERGES, Gabor, Dr, BUDAI, Jozsef, Dr, RICHTER, Peter, Dr, TOTH, Istvan, Dr; Laszlo Hospital of Budapest (Budapesti Laszlo Korhaz) and "Human" Vaccine Producing and Research Institute ("Human" Oltoanyagtermelo es Kutato Intezet).

"Active Immunization Attempts with Attenuated Viruses Against Infectious Hepatitis."

Budapest, Orvosi Hetilap, Vol 104, No 17, 28 Apr 63, pages 783-785.

Abstract: [Authors' Hungarian summary] Years of experiments were conducted to produce a vaccine for active immunization against hepatitis. The vaccine was to contain the hepatitis virus in weakened enough form so as not to produce the disease in children if administered in quantities (0.01 ml) which would be hepatitogen if native hepatitis serum were used. This was achieved when chemically weakened hepatitis virus was mixed to normal gamma globulin. Of the 122 children vaccinated, none was infected from the vaccine. Without infection, the fact that the virus was actually living could not be proven although previous experiments led to the conclusion. 3 Western, 3 Hungarian references.

1/1

BUDAI, Jozsef, dr.; FARKAS, Elek, dr.; NYERGES, Gabor, dr.;
CSAPO, Jozsef, dr.

The role of gamma-globulin in the prevention of measles. Orv.
hetil. 104 no.48:2257-2260 1 D '63.

1. Budapest Fovaros Iasslo Korhas, I sz. Gyermekosztaly es
Orszagos Kozegeszsegugyi Intezet, Virusosztaly.
(MEASLES) (GAMMA GLOBULIN) (IMUNIZATION)

NYERGES, Gabor, dr.; NYERGES, Gaborne, dr.; SURJAN, Laszlone, dr.;
BUDAI, Jozsef, dr.; CSAPO, Jozsef, dr.

A quick test for the indications for diphtheria antitoxin
in clinical practice. Orv. hetil. 104 no.51:2418-2423 22 D
'63.

1. Fovarosi Laszlo Korhaz, I Gyermekosztaly es Orszagos
Kozegeszsegugyi Intezet, Oltovanyagellenorzo Osztaly.

(DIPHThERIA ANTITOXIN) (DIPHThERIA)
(TONSILLITIS) (DIAGNOSIS, DIFFERENTIAL)
(BACTERIOLOGICAL TECHNICs)
(HEMAGGLUTINATION INHIBITION TESTS)

BUDAI,J.; FARKAS,E.; NYERGES,G.; CSAPO,J.

The mode of action of gamma globulin in the prevention of measles. Acta paediat. acad.sci.Hung. 4 no.3:411-417 '63

1. First Section of Paediatrics (head: prof.J.Csapo) Municipal Laszlo Hospital and Virus Department, State Institute of Hygiene (director: prof.T.Bakacs), Budapest.

*

NYERGES, G.; NYERGES, Georgette; SURJAN, Margaret; BUDAI, J.; CSAPO, J.

A method for the rapid determination of diphtheria antitoxin in clinical practice. Acta paediat. acad. sci. Hung. 4 no.3: 399-409 '63

1. First Section of Paediatrics (head: prof. J. Csapo) Municipal Laszlo Hospital, and Vaccine Control Department (head: dr. L. Erdos) State Institute of Hygiene, Budapest.

*

NYERGES, G.; BARTOS, Anna; BUDAI, J.; CSAPO, P.

New results in the prevention of transfusion hepatitis. Acta
paediat. Acad. sci. Hung. 5 no.3:417-421 '64

1. Laszlo Hospital of Infectious Diseases, Budapest, and
Schopf-Merei Hospital for Premature Infants, Budapest.

NYERGES, Gabor, dr.; BARTOS, Anna, dr.; BUDAI, Jozsef, dr.; CSAPO, Jozsef, dr.

Recent results in the prevention of transfusion hepatitis.
Orv. hetil. 105 no.28:1308-1310 12 JI'64

1. Fovarosí László Korház, I.Gyermekosztály (Foorvos: Csapo, Jozsef, dr.) es Schopf-Merey Ágost Koraszulo Koraszulett Korház, Conditionalt Osztály (Foorvos, Gergely, Karoly, dr.).